

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S94	1	345/30.ccls. and "dummy pixel"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 14:31
L36	1	345/30.ccls. and "dummy pixel"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 14:31
L35	56	348/245.ccls. and (light or illuminat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/07 13:53
L33	60	348/245.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/07 13:53
S87	21	"dummy electrode" near7 (disconnect\$3 or detach\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/07 13:52
L34	0	("dummy electrode" or "dummy pixel") near3 (allow near5 light)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/07 13:52
L29	13	345/87.ccls. and (dummy adj pixel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/07 13:52
S60	5	(illuminat\$3 adj border) same pixel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 13:22
L32	5	(illuminat\$3 adj border) same pixel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 13:22
L30	3	345/87.ccls. and ((dummy adj pixel) same light)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/07 13:22

S58	0	345/30.ccls. and "dummy transistor"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 13:21
L31	0	345/30.ccls. and "dummy transistor"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 13:21
L26	1933	345/87.ccls.	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 13:21
S35	483	345/92.ccls.	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 13:20
S19	1262	345/87.ccls.	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 13:20
S15	18	345/55.ccls. and (pixel adj matrix)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 13:20
S13	0	345/55.ccls. and (pixel adj border)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 13:20
S12	597	345/55.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 13:20
L25	684	345/92.ccls.	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/06/07 13:20
L24	28	345/55.ccls. and (pixel adj matrix)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 13:20
L23	0	345/55.ccls. and (pixel adj border)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 13:20
L22	734	345/55.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 13:20
S8	1	"dummy pixel" near3 border	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 13:16

L21	4	"dummy pixel" near3 border	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 13:16
S6	99	345/864.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 13:15
L20	0	715/864.ccls. and (light near3 border)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 13:15
L19	0	715/864.ccls. and (dummy adj pixel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 13:15
L18	181	715/864.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 13:15
L17	0	345/864.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 13:15
L16	76	"345"/\$.ccls. and ((display near7 border) same (light or illuminat\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 12:13
L13	30	"345"/\$.ccls. and ((dummy adj pixel) same (light or illuminat\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 12:13
L15	31	"348"/\$.ccls. and ((dummy adj pixel) same (light or illuminat\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 11:48
L14	4	"382"/\$.ccls. and ((dummy adj pixel) same (light or illuminat\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 11:43
S92	9	blair-richard.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 11:39
S91	0	noesen-katherine.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 11:39

S90	3	Canova-Francis-James.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 11:39
L12	9	blair-richard.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 11:39
L11	0	noesen-katherine.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 11:39
L10	3	Canova-Francis-James.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 11:39
S89	0	Canova-James.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 11:38
S88	0	Canova-Francis.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 11:38
L9	0	Canova-James.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 11:38
L8	0	Canova-Francis.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/07 11:38
S97	0	345/55.ccls. and (dummy adj border)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/01 12:27
S96	0	345/55.ccls. and (dummy adj pixel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/01 12:27
S32	0	345/55.ccls. and (pixel adj border)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/01 12:27
S95	0	345/864.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/01 12:26

S93	0	345/55.ccls. and (pixel adj border)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/01 12:26
S59	1	345/30.ccls. and "dummy pixel"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/01 12:26
S36	112	345/864.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/01 12:26
S20	440	345/92.ccls.	US-PGPUB; USPAT; DERWENT	OR	OFF	2004/12/01 12:26
S68	18	"dummy electrode" near7 (disconnect\$3 or detach\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/01 12:25
S5	8	blair-richard.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/01 12:25
S4	0	noesen-katherine.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/01 12:25
S3	3	Canova-Francis-James.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/01 12:25
S2	0	Canova-James.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/01 12:25
S1	0	Canova-Francis.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/12/01 12:25
S70	18	"dummy electrode" near7 (disconnect\$3 or detach\$3 or "not connected" or "not connecting")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:36
S69	4	"dummy pixel" near7 (disconnect\$3 or detach\$3 or "not connected" or "not connecting")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:36

S66	4	"dummy pixel" near7 (disconnect\$3 or detach\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:36
S67	0	"dummy transistor" near7 (disconnect\$3 or detach\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:34
S65	645	"dummy" near7 (disconnect\$3 or detach\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:33
S63	60	"dummy electrode" and "345"/\$. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:31
S64	6	"dummy element" and "345"/\$. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:13
S62	1619	"dummy electrode"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:13
S61	0	(illuminat\$3 adj border) with transistor	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:13
S40	1	(illuminat\$3 adj border) with pixel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:12
S57	0	345/55.ccls. and (dummy adj border)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:11
S56	0	345/55.ccls. and (pixel adj border)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:10
S55	2	"dummy transistor" and "dummy pixel"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:09
S54	9	"dummy transistor" same display	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:09

S53	3	"dummy transistor" same border	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:08
S52	391	"dummy transistor"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:07
S11	309	"dummy pixel"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:06
S51	21	"dummy pixel" same border	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:04
S50	1	"dummy pixel" near3 border	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:04
S49	88	(LCD or TFT or "liquid crystal display" or "thin film transistor") near3 border	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:04
S7	76	(LCD or TFT or "liquid crystal display" or "thin film transistor") near3 border	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:04
S48	132	345/864.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:01
S47	8	blair-richard.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:01
S46	0	noesen-katherine.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:01
S45	3	Canova-Francis-James.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:00
S44	0	Canova-James.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:00

S43	0	Canova-Francis.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:00
S42	4	("3968639"   "4255806"   "4743896"   "4824212").PN.	USPAT	OR	OFF	2003/11/05 11:42
S41	2	"5600344".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/05 11:34
S37	348	"dummy pixel"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/05 11:34
S39	2	"transparent border" with pixel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/05 10:58
S38	2	"transparent border" near5 pixel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/05 10:56
S34	21	345/55.ccls. and (pixel adj matrix)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/05 10:40
S33	0	345/55.ccls. and (border near5 matrix)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/05 10:40
S31	630	345/55.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/05 10:40
S14	0	345/55.ccls. and (border near5 matrix)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/05 10:40
S30	1	"6577291".pn.	US-PGPUB; USPAT; DERWENT	OR	OFF	2003/06/17 11:05
S29	2	"5784132".pn.	US-PGPUB; USPAT; DERWENT	OR	OFF	2003/06/17 11:05
S21	2	"6274886".pn.	US-PGPUB; USPAT; DERWENT	OR	OFF	2003/06/17 11:05



S28	15	"349"/\$.ccls. and ((dummy adj pixel) and (RGB or "R-G-B" or "R G B" or (red adj green adj blue)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/06/17 09:35
S27	0	"349"/\$.ccls. and ((dummy adj pixel) near3 (RGB or "R-G-B" or "R G B" or (red adj green adj blue)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/06/17 09:35
S26	2	"345"/\$.ccls. and ((dummy adj pixel) near3 (RGB or "R-G-B" or "R G B" or (red adj green adj blue)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/06/17 09:34
S17	42	"345"/\$.ccls. and (dummy adj pixel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/06/17 09:31
S25	8	((("345"/\$.ccls. and (dummy adj pixel)) or ("349"/\$.ccls. and (dummy adj pixel))) and manufact\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/06/16 15:20
S18	31	"349"/\$.ccls. and (dummy adj pixel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/06/16 15:20
S23	21	"345"/\$.ccls. and (((RGB or "R-G-B" or "R G B") near3 element) and LCD and backlight)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/06/16 15:03
S24	53	"345"/\$.ccls. and ("160" adj (row or column))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/06/16 14:54
S22	2	"6188385".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/06/16 14:51
S16	2	(PDA or "personal digital assistant" or "palm pilot" or "handheld pc") and "dummy pixel"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/06/16 12:00
S10	6	"dummy pixel" near3 matrix	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/06/16 11:42
S9	0	"20020008800".URPN.	USPAT	OR	OFF	2003/06/16 11:26

Approximately **284** results found in the Worldwide database for:  
**dummy AND pixel** in the title or abstract  
(Results are sorted by date of upload in database)

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**RESULT LIST**

0 results found in the Worldwide database for:

**dummy AND pixel AND light AND pass** in the title or abstract

(Results are sorted by date of upload in database)

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## RESULT LIST

Approximately 56 results found in the Worldwide database for:

**dummy AND pixel AND light** in the title or abstract

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### 1 Electro-optical device and electronic apparatus

Inventor: MURADE MASAO (JP)

Applicant: SEIKO EPSON CORP (JP)

EC:

IPC: G02F1/1343; G02F1/1333

Publication info: **US2005078240** - 2005-04-14

### 2 Grid metal design for large density CMOS image sensor

Inventor: YAUNG DUN-NIAN (TW); WUU SHOU-GWO (TW); (+1)

Applicant:

EC:

IPC: H04N5/335

Publication info: **US2005030403** - 2005-02-10

### 3 Solid-state imaging device and method for driving the same

Inventor: OZUMI TAKEHIKO (JP)

Applicant:

EC:

IPC: H01L27/00

Publication info: **US2005017154** - 2005-01-27

### 4 Photoelectric device and electronic machine

Inventor: MATSUEDA YOJIRO (JP)

Applicant: SEIKO EPSON CORP (JP)

EC: G02F1/1341; G02F1/1343A4; (+2)

IPC: G09G3/30

Publication info: **TW594633B** - 2004-06-21

### 5 Substrate for electro-optic apparatus

Inventor: HIRABAYASHI YUKIYA (JP)

Applicant: SEIKO EPSON CORP (JP)

EC:

IPC: G02F1/13

Publication info: **TW588176** - 2004-05-21

### 6 Liquid crystal display device for preventing light leakage and method of fabricating the same

Inventor: KIM KWANG MIN (KR)

Applicant:

EC: G02F1/1362

IPC: G02F1/1343

Publication info: **US2005007534** - 2005-01-13

### 7 Image display device

Inventor: TAKAHASHI HIROYUKI (JP)

Applicant:

EC:

IPC: G09G5/00

Publication info: **US2004239667** - 2004-12-02

### 8 Grid metal design for large density CMOS image sensor

Inventor: YAUNG DUN-NIAN (TW); WUU SHOU-GWO (TW); (+1)

Applicant: TAIWAN SEMICONDUCTOR MFG (TW)

EC:

IPC: H01L31/0232; H01L27/148

Publication info: **US6815787** - 2004-11-09

### 9 ORGANIC ELECTROLUMINESCENT DEVICE, AND MANUFACTURING METHOD OF THE SAME

Inventor: ARAI TAKESHI; FUJIMORI SHIGEO; (+1)

Applicant: TORAY INDUSTRIES

EC:

IPC: H05B33/10; C23C14/24; (+3)

Publication info: **JP2004296436** - 2004-10-21

### 10 METHOD FOR MANUFACTURING PIXEL SUBSTRATE AND BASE MATERIAL OF THE PIXEL SUBSTRATE

Inventor: IZUMI TAKESHI

Applicant: SONY CORP

EC:

IPC: G09F9/00; G02F1/1333; (+5)

Publication info: **JP2004294948** - 2004-10-21

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**Date of publication of application** — e.g. 19980401 - 19980405

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**IPC** — e.g. D01B7/04 A01C11/02

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No. Publication No.

Title

1. 05 - 129572(1993) SOLID-STATE IMAGE SENSOR

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No.	Publication No.	Title
1.	<u>2005 - 033838</u>	SOLID-STATE IMAGE PICKUP DEVICE
2.	<u>2004 - 296436</u>	ORGANIC ELECTROLUMINESCENT DEVICE, AND MANUFACTURING METHOD OF THE SAME
3.	<u>2004 - 294948</u>	METHOD FOR MANUFACTURING PIXEL SUBSTRATE AND BASE MATERIAL OF THE PIXEL SUBSTRATE
4.	<u>2004 - 221829</u>	IMAGE READER
5.	<u>2004 - 184530</u>	ELECTRO-OPTICAL DEVICE, ACTIVE MATRIX SUBSTRATE, AND ELECTRONIC APPARATUS
6.	<u>2004 - 172861</u>	ELECTRONIC APPARATUS CONTROLLER AND METHOD FOR CONTROLLING ELECTRONIC APPARATUS
7.	<u>2004 - 170614</u>	ELECTRONIC EQUIPMENT
8.	<u>2004 - 112474</u>	SOLID-STATE IMAGING DEVICE
9.	<u>2004 - 013050</u>	DISPLAY
10.	<u>2003 - 304453</u>	IMAGING DEVICE
11.	<u>2003 - 288987</u>	LIGHT EMITTING DEVICE AND ELECTRONIC DEVICE
12.	<u>2003 - 288986</u>	LIGHT EMITTING DEVICE AND ELECTRONIC DEVICE
13.	<u>2003 - 218340</u>	CCD IMAGE SENSOR
14.	<u>2003 - 168570</u>	DISPLAY DEVICE
15.	<u>2003 - 150082</u>	METHOD FOR DRIVING EL DISPLAY DEVICE AND EL DISPLAY DEVICE AND ITS MANUFACTURING METHOD AND INFORMATION DISPLAY DEVICE
16.	<u>2003 - 107527</u>	LIQUID CRYSTAL DISPLAY PANEL
17.	<u>2002 - 342776</u>	PICTURE GENERATING DEVICE AND STORAGE MEDIUM
18.	<u>2002 - 156653</u>	ELECTRO-OPTICAL DEVICE
19.	<u>2002 - 156652</u>	ELECTRO-OPTICAL DEVICE AND ITS MANUFACTURING METHOD
20.	<u>2002 - 098823</u>	METHOD FOR MEASURING MISALIGNMENT OF EXPOSURE POSITION DURING MANUFACTURING COLOR FILTER, AND COLOR FILTER
21.	<u>2002 - 077735</u>	SOLID-STATE IMAGE PICKUP ELEMENT AND IMAGE PICKUP DEVICE
22.	<u>2001 - 358324</u>	PICTURE READER
23.	<u>2001 - 330892</u>	PRINT HEAD AND PHOTOGRAPHIC PROCESSING DEVICE HAVING THE SAME
24.	<u>2001 - 250936</u>	SOLID-STATE IMAGE SENSING ELEMENT
25.	<u>2001 - 188228</u>	TRANSMISSION TYPE COLOR LIQUID CRYSTAL DISPLAY DEVICE
26.	<u>2001 - 188227</u>	TRANSMISSION TYPE COLOR LIQUID CRYSTAL DISPLAY DEVICE



27. 2001 - 042357 SUBSTRATE FOR LIQUID CRYSTAL DISPLAY PANEL AND PRODUCTION OF LIQUID CRYSTAL DISPLAY PANEL
28. 2001 - 024947 PHOTOELECTRIC CONVERSION CHIP, IMAGE SENSOR AND IMAGE SENSOR UNIT
29. 2000 - 356787 LIQUID CRYSTAL DISPLAY DEVICE
30. 2000 - 352714 LIQUID CRYSTAL DISPLAY DEVICE
31. 2000 - 261725 DRIVE METHOD FOR SOLID-STATE IMAGE PICKUP ELEMENT
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Kenneth P. Fishkin, Brian A. Barsky

January 1984 **ACM SIGGRAPH Computer Graphics , Proceedings of the 11th annual conference on Computer graphics and interactive techniques**, Volume 18  
Issue 3

Full text available: [pdf\(1.12 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Soft filling algorithms change the color of an anti-aliased region, maintaining the anti-aliasing of the region. The two published algorithms for soft filling work only if the foreground region is anti-aliased against a black background. This paper presents three new algorithms. The first fills against a region consisting of any two distinct colors, and is faster than the published algorithms on a pixel-by-pixel basis for an RGB frame buffer; the second fills ...

**Keywords:** Convex hull, Linear algebra

2 [Accelerated walkthrough of large spline models](#)

Subodh Kumar, Dinesh Manocha, Hansong Zhang, Kenneth E. Hoff

April 1997 **Proceedings of the 1997 symposium on Interactive 3D graphics**

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3 [Inference bear: designing interactive interfaces through before and after snapshots](#)

Martin R. Frank, Piyawadee Noi Sukaviriya, James D. Foley

August 1995 **Proceedings of the conference on Designing interactive systems: processes, practices, methods, & techniques**

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4 [Integrating video into an application framework](#)

Peter Schnorf

September 1993 **Proceedings of the first ACM international conference on Multimedia**

Full text available: [pdf\(176.78 KB\)](#)

[ps\(8.27 MB\)](#)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)


**Keywords:** application framework, data type, motion video, object-oriented



5 Columns: Risks to the public in computers and related systems

Peter G. Neumann

November 2001 **ACM SIGSOFT Software Engineering Notes**, Volume 26 Issue 6

Full text available:  [pdf\(1.25 MB\)](#)

Additional Information: [full citation](#), [references](#)

6 Specification and dialogue control of visual interaction through visual rewriting systems



P. Bottoni, M. F. Costabile, P. Mussio

November 1999 **ACM Transactions on Programming Languages and Systems (TOPLAS)**,

Volume 21 Issue 6

Full text available:  [pdf\(886.71 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

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7 Incremental computation of planar maps



M. Gangnet, J.-C. Hervé, T. Pudet, J.-M. van Thong

July 1989 **ACM SIGGRAPH Computer Graphics, Proceedings of the 16th annual**

**conference on Computer graphics and interactive techniques**, Volume 23 Issue 3

Full text available:  [pdf\(867.32 KB\)](#)

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8 Efficient visualization of physical and structural properties in crash-worthiness simulations (case study)



Sven Kuschfeldt, Thomas Ertl, Michael Holzner

October 1997 **Proceedings of the 8th conference on Visualization '97**

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9 Fast multiresolution image querying




Charles E. Jacobs, Adam Finkelstein, David H. Salesin

September 1995 **Proceedings of the 22nd annual conference on Computer graphics and interactive techniques**

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**Keywords:** content-based retrieval, image databases, image indexing, image metrics, query by content, query by example, similarity retrieval, sketch retrieval, wavelets

10 XML Applications: An incremental XSLT transformation processor for XML document manipulation



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**Keywords:** XML, XSLT, authoring tools, incremental transformations

11 Tree visualization with tree-maps: 2-d space-filling approach



Ben Shneiderman

January 1992 **ACM Transactions on Graphics (TOG)**, Volume 11 Issue 1

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12 Session II: wxHaskell: a portable and concise GUI library for Haskell



Daan Leijen

September 2004 **Proceedings of the ACM SIGPLAN workshop on Haskell**

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wxHaskell is a graphical user interface (GUI) library for Haskell that is built on wxWidgets: a free industrial strength GUI library for C++ that has been ported to all major platforms, including Windows, Gtk, and MacOS X. In contrast with many other libraries, wxWidgets retains the native look-and-feel of each particular platform. We show how distinctive features of Haskell, like parametric polymorphism, higher-order functions, and first-class computations, can be used to present a concise and ...


**Keywords:** C++, Haskell, combinator library, graphical user interface, layout, wxWidgets

13 Multiresolution modeling and visualization of volume data based on simplicial complexes



Paolo Cignoni, Leila De Floriani, Claudio Montani, Enrico Puppo, Roberto Scopigno

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Lionel Villard, Nabil Layaïda  
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